

Express Mail
EV 337812204 US

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Roy W. Kuennen
Art Unit	1723
Examiner Name	T. Cecil
Attorney Docket Number	18716.85303-001

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
TC		US- 6,037,598	03-14-2000	Cicha	
		US- 6,035,266	03-07-2000	Williams et al	
		US- 6,027,644	02-22-2000	Magnusson et al	
		US- 5,973,455	10-26-1999	Mirskiy et al	
		US- 5,935,431	08-10-1999	Korin	
		US- 5,914,037	06-22-1999	Yen	
		US- 5,900,178	05-04-1999	Johnsen	
		US- 5,858,227	01-12-1999	Stone et al	
		US- 5,843,309	12-01-1998	Mancil	
		US- 5,698,091	12-16-1997	Kuennen et al	
		US- 5,695,168	12-09-1997	Williams	
		US- 5,612,001	03-18-1997	Matschke	
		US- 5,597,482	01-28-1997	Melyon	
		US- 5,594,304	01-14-1997	Graber	
		US- 5,591,978	01-07-1997	Kovalsky et al	
		US- 5,586,879	12-24-1996	Szpak	
		US- 5,540,848	07-30-1996	Engelhard	
		US- 5,536,395	07-16-1996	Kuennen et al	
TC		US- 5,477,430	12-19-1995	LaRose	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ³
		Country Code ⁴ Number ⁴ Kind Code ⁵ (if known)				
TC		0782546	09-21-1995	Great Britain		
		0913628	05-06-1999	EPO		
		DE 29707052	11-06-1997	Germany		
				(English transl	ation attached)	
TC		JP 60034784 A	02-1985	Japan		

Examiner
Signature

/Terry Cecil/

Date
Considered

06/16/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if K_n wn

Application Number	
Filing Date	
First Named Inventor	Roy W. Kuennen
Art Unit	1723
Examiner Name	T. Cecil
Attorney Docket Number	18716.85303-001

Sheet	2	of	4
-------	---	----	---

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
TC		US- 5,381,073	01-10-1995	Godyak et al	
		US- 5,379,021	01-03-1995	Ito et al	
		US- 5,341,083	08-23-1994	Klontz et al	
		US- 5,300,860	04-05-1994	Godyak et al	
		US- 5,289,085	02-22-1994	Godyak et al	
		US- 5,266,215	11-30-1993	Engelhard	
		US- 5,117,156	05-26-1992	Leyh et al	
		US- 5,078,876	01-07-1992	Whittier et al	
		US- 5,070,293	12-03-1991	Ishii et al	
		US- 4,971,687	11-20-1990	Anderson	
		US- 4,948,980	08-14-1990	Wedekamp	
		US- 4,885,471	12-05-1989	Telfair et al	
		US- 4,838,797	06-13-1989	Dodier	
		US- 4,831,268	05-16-1989	Fisch et al	
		US- 4,710,638	12-01-1987	Wood	
		US- 4,448,547	05-15-1984	Wickersheim	
		US- 4,303,514	12-01-1981	Theorell	
		US- 4,038,625	07-26-1977	Tompkins	
TC		US- 3,923,663	12-02-1975	Reid	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Terry Cecil/	Date Considered	06/16/2006
-----------------------	---------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Complete if Known

(Use as many sheets as necessary)

Sheet	3	of	4
-------	---	----	---

Application Number	
Filing Date	
First Named Inventor	Roy W. Kuennen
Art Unit	1723
Examiner Name	T. Cecil
Attorney Docket Number	18716.85303-001

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
TC		US- 3,745,410	07-10-1973	Fletcher et al	
		US- 3,122,492	02-25-1964	W.R. Barnes et al	
		US- 2,133,494	10-18-1938	H.F. Waters	
		US- 723,836	03-31-1903	P.F. Cowing	
		US- 5,069,782	12-03-1991	Moyher, Jr. et al	
		US- 4,017,734	04-12-1977	Ross	
		US- 3,971,947	07-27-1976	Lambert et al	
		US- 6,004,458	12-1999	Davidson	
		US- 5,864,209	01-1999	Clark	
		US- 5,632,890	05-1997	Sugimoto	
		US- 4,780,197	10-1988	Schuman	
		US- 4,694,179	09-1987	Lew et al	
		US- 6,042,720	03-28-2000	Reber et al	
		US- 5,896,483	04-20-1999	Wojcik et al	
		US- 4,642,512	02-10-1987	Matsuno et al	
		US- 4,278,508	07-14-1981	White et al	
		US- 4,201,916	05-06-1980	Ellner	
		US- 4,061,922	12-06-1977	Last	
TC		US- 3,471,693	10-07-1969	Veloz	

[illegible]

06/16/2006

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Roy W. Kuennen
Art Unit	1723
Examiner Name	T. Cecil
Attorney Docket Number	18716.85303-001

Sheet	4	of	4
-------	---	----	---

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Terry Cecil/	Date Considered	06/16/2006
-----------------------	---------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.